

I CLAIM

1. An aerosol spray container containing an aerosol solvent weld cement composition under pressure greater than ambient pressure, said composition consisting essentially of:
(a) at least one polymer capable of welding ends of plastic pipes to each other, (b) at least one solvent for the polymer, and (c) at least one propellant for the polymer/solvent mixture.

2. The aerosol spray container of claim 1, wherein the polymer in the composition is at least one polymer selected from the group consisting of chloropolyvinylchloride, polyvinylchloride, acrylonitrile-butadiene-styrene polymers, polymers of lower alkyl esters of butyric acid, and polymers of lower alkyl esters of acrylic acid.

3. The aerosol spray container of claim 2, wherein the polymer in the composition is present in the range of about 10%-30% by weight of the total composition.

4. The aerosol spray container of claim 3, wherein the polymer in the composition is chloropolyvinylchloride in the concentration of about 10% by weight of the total composition.

5. The aerosol spray container of claim 2, wherein the solvent in the composition is at least one member selected from the group consisting of tetrahydrofuran, acetone, diethoxyethane, N-methyl pyrrolidone, dibasic esters, alkylene carbonates, dimethyl formamide, ethyl acetate, methyl isobutyl ketone, methyl alcohol, cyclohexanone, methyl ethyl ketone, and gamma-butyrolactone.

6. The aerosol spray container of claim 3, wherein the solvent in the composition is present in the amount of 50-80% by weight and is selected from the group consisting of tetrahydrofuran, acetone, diethoxyethane, N-methyl pyrrolidone, dibasic esters, alkylene

carbonates, dimethyl formamide ethyl acetate, methyl isobutyl ketone, methyl alcohol, cyclohexanone, methyl ethyl ketone, and gamma-butyrolactone.

7. The aerosol spray container of claim 5, wherein the propellant in the composition is at least one of the members of the group consisting of dimethyl ether, isobutane, n-butane, propane, nitrogen, carbon dioxide, 1-difluoroethane, and tetrafluoroethane.

8. The aerosol spray container of claim 6 wherein the solvent in the composition is present in the amount of 20-35% by weight and is at least one of the members of the group consisting of dimethyl ether, isobutane, n-butane, propane, nitrogen, carbon dioxide, 1-difluoroethane, and tetrafluoroethane.

9. The aerosol spray container of claim 8, wherein the solvent weld cement composition further comprises at least one member selected from the group consisting of a suspending agent, a dye, and a stabilizer.

10. The aerosol spray container of claim 1, wherein the container contains an omnidirectional valve.